



Request for Qualifications

Comprehensive Emergency Management and Hazard Mitigation Resiliency Roundtable Project

RFQ Submittal Deadline: 4:00 pm (EST) Feb 24th, 2021

Submit Proposals to:

Centralina Economic Development District
9815 David Taylor Drive, Suite 100
Charlotte, NC 28262
mmanis@centralina.org

Centralina Economic Development District project supported by a U.S. Commerce EDA grant to provide a Comprehensive Emergency Management and Hazard Mitigation Resiliency Roundtable Project for the nine county Centralina EDD Region

ANNOUNCEMENT

The Centralina Economic Development District (CEDD) is initiating a Request for Qualification (RFQ) process for a professional consultant (the “Consultant”) qualified to plan, execute, and deliver a Comprehensive Emergency Management and Hazard Mitigation Resiliency Roundtable for the nine county Centralina EDD Region.

In October 2019, the Centralina Economic Development District (CEDD) requested a U.S. Economic Development Administration (EDA) Disaster Relief Coordinator Grant, and that the grant was awarded on March 5, 2020. The grant will facilitate regional jurisdictions and municipalities support for increasing capacity and coordinating inter-local resources to enhance disaster response systems and economic resilience.

The project will include assessing viability and resiliency of existing emergency management plans, evaluate establishment of a regional Emergency Management district roundtable that will engage jurisdictions in planning for major disasters, leverage resources and assets, and develop a regional strategy that includes all nine Centralina district counties.

With this project, the region can pursue greater efficiency in managing recovery efforts from hurricanes, flooding, and major natural disasters and build adequate capacity and enhance resiliency to respond to future disasters.

The Consultant must have demonstrated experience in Emergency Management, hazard mitigation, and disaster response best practice expertise. The Consultant should have a strong and demonstrable background in multi-jurisdictional emergency management resiliency planning.

This engagement will be funded in part by a U.S. Commerce EDA Grant to support the planning effort that includes assessing existing jurisdiction plans, regional inter-local coordination analysis, and related recovery and resiliency opportunities corresponding to the scope of this RFQ. The qualifications response to this RFQ must demonstrate:

- The respondents’ qualification and capacity for facilitating local governments in assessing and creating of a permanent regional inter-local emergency management coordination plan to establish operations at the end of the planned project deliverable period;
- The respondents’ understanding of and qualifications for organizing, facilitating, and instituting a regional Major Disaster Management District Roundtable;

PROPOSALS MUST BE RECEIVED BY: February 24th, 2021 by 4:00PM EDT.

RFQ SCHEDULE - *This timetable is for the respondent's information. Project constraints may cause these dates to change.*

RFQ Available:	January 20, 2021
Notice of Consultant's Intent due:	February 04, 2021
Inquiries/ Questions due:	February 10, 2021
Proposals due:	February 24, 2021
Consultant(s) selected for Interview:	February 26, 2021
Consultant(s) Interviews Completed:	March 06, 2021
Consultant Selected:	March 09, 2021
Contract Commencement:	March 15, 2021

Consultant Intent to participate in proposal process should be communicated by email by close of business on **Thursday February 4th, 2021**. All questions or inquiries from respondents should be transmitted via either written request or email by close of business **Tuesday February 10th, 2021**.

CONTACT

Questions or requests for additional information regarding this **Comprehensive Emergency Management and Hazard Mitigation Resiliency Roundtable** RFQ should be directed to:

Mike Manis
President/Chief Operating Officer
Centralina Economic Development District
9815 David Taylor Drive, Suite 100
Charlotte, NC 28262
Telephone: 704-348-2720
mmanis@centralina.org

PROPOSAL EVALUATION

Consultants responding to this RFQ will be evaluated on the following basis:

- 30% Technical skills and staff\team expertise;
- 30% Proposed approach and plan of work, understanding of the issues and requested elements of project scope;
- 30% Past record of performance, experience, and actual Emergency Plan and Hazard Mitigation planning experience;
- 10% Proposed Cost Estimate.

PROJECT CONTEXT

GREATER CHARLOTTE REGION BACKGROUND

Centralina Regional Council is a State of North Carolina regional organization representing a nine-county area that includes Anson, Cabarrus, Gaston, Lincoln, Iredell, Mecklenburg, Rowan, Stanly, and Union. Centralina Regional Council is the second largest of 16 regional councils in the State of North Carolina and works with local governments, state, and federal agencies to meet the region's needs on a wide range of governance issues, including, local and regional land use, environmental and transportation planning and administration, aging and workforce services, and economic and program development.

The CEDD was formed to serve as the local U.S. Commerce Economic Development Administration (EDA) designated Economic Development District (EDD) for the nine-county region to maintain eligibility for grants from the EDA and other federal and state sources. The CEDD also has the responsibility as the local EDD to create, manage and implement the regional Comprehensive Economic Development Strategy (CEDS) initiated in 2004, renewed in 2007, 2012, and most recently 2017 in the series of required five-year updates.

Home to over 2.43 million people, Greater Charlotte MSA is among the nation's fastest-growing mid-sized metropolitan regions composed of closely interrelated sub-regions that act together as a single globally competitive unit. Strategic growth is advanced within a multitude of exemplary organizations that exist on the individual county Economic Development Corporation level. These entities participate as a region within the overarching "Charlotte USA", Charlotte Regional Partnership. The private sector business, public, state and municipal support has advanced the Charlotte brand and industry recruitment success on a national and international scale. The City of Charlotte Chamber of Commerce and the Chambers of the surrounding counties, cities and towns have played major roles in the success of the region's economic health as well as the national recognition of the attractive high-ranking quality of life.

ROLE OF CENTRALINA ECONOMIC DEVELOPMENT DISTRICT WITHIN THE PROJECT

Hurricane Florence impacted the Centralina Economic Development District (CEDD) in mid-September of 2018 to a level of eastern 5 counties requiring disaster declarations. The CEDD's affected counties saw power outages, destroyed infrastructure, displaced populations, and businesses flooded. Unfortunately for the CEDD counties of Anson, Cabarrus, Rowan, Stanly, Union, this event was only the beginning of the region's worries when less than a month after Hurricane Florence, the Tropical Storm Michael marched through the region with massive rainfall and

flooding impacts that also brought Iredell County into disaster declaration status. The result of these devastating back-to-back storms exacerbated underlying resiliency issues that the Centralina EDD region faced which also impacted the remaining three counties of Mecklenburg, Gaston, and Lincoln although not quite as severe to receive declarations under these storms.

Regional damages instigated by both Florence and Michael storms included agricultural assets destroyed by flooding, bridges destroyed, homes flooded or wind damaged, many homes and businesses without electricity and businesses needing repair. The bridges that were destroyed and washed-out resulted in halted or delayed emergency response times for many populations. Union County alone had to close over 100 roads throughout the area. Homes that flooded displaced populations to uncomfortable settings and strained community service providers capacity in responding across the region. With electrical outages delaying recovery efforts at a regional scale and businesses and industries struck by this storm suffering employee availability and work resumption with travel and access denied, the economic damages to the working population and the commerce of the counties in the region were negatively and in some cases severely impacted causing substantial economic losses on public, private, and personal levels.

The communities of the CEDD are still pursuing efforts to meet recovery demands that the population needs and to assess and plan for increased resiliency systems in the face of the apparent “new normal” in weather related patterns and disaster occurrences that we now face. Although the demand for recovery response and resiliency efforts are high in the Centralina EDD region, the needed capacity for communities to effectively meet and plan for these demands is almost non-existent, especially on a regional level encompassing such a high growth and increasingly dense metropolitan regional population.

This project will address assisting jurisdictions with increased capacity and coordinated inter-local resources to enhance economic resiliency planning and disaster response systems. The outcomes will enhance the current capacity, coordination and response resources for both current disaster events and the future ones our region will face. The region will be prepared on a collaborative and efficient level with enhanced capacity across all jurisdictions for greater resiliency from natural disaster as a region.

In preparation for this project, CEDD has instituted a regional survey of emergency management directors, county managers, and assistant county managers to assess the current status of disaster response planning and mitigation. The results of that survey are included as ATTACHMENT B to this RFQ for the consultant’s background information.

SCOPE OF WORK OVERVIEW

The following Scope of Work components have been prepared as a guide to help the interested respondent understand the expected product from this work engagement. Respondents are encouraged to provide suggestions to this scope that would improve the end product.

The final comprehensive regional emergency management and resiliency master plan should align with guidelines in the [IEDC: A Tool Kit for Emergency Management](#) (March 2015), but the consultant must develop additional assessments of our nine county district jurisdictions plans that address enhancing levels of resiliency. This resiliency filter will improve recovery capacity for our communities in future disaster response occurrences. As a minimum, the comprehensive regional emergency management and resiliency master plan will address aspects of the IEDC Tool Kit subject matters involving: Leading Recovery Before & After Disasters and Crisis Communications. The final scope of services to be provided by the selected Consultant will be developed in partnership with the CEDD Board and partners and can be adapted during contract development.

THE SCOPE OF WORK SHALL COVER THE FOLLOWING PHASE TIME PERIODS AND INCLUDE ALL COMPONENTS, AS FOLLOWS:

A. Phase I (March – August 2021)

- i. Assess and Evaluate the Emergency Management/ Hazard Mitigation Plan Documents each County/ Municipality currently maintains.
- ii. Perform focus group meetings with principals to develop and discuss assessments.
- iii. Summarize opportunities there may be for improvement on individual existing plans for all counties/ municipalities and evaluate regional compatibility for plan integration.

B. Phase II (August – October 2021)

- i. Evaluate and Design the opportunities and feasibility of cross-jurisdictional response master plan of resources and assets to include possible joint locations for disaster staging of assets and coordination methodology.
- ii. Support, and assess the feasibility of a permanent regional operations roundtable based upon Phase I and Phase II meetings and focus groups with local jurisdiction principals.

C. Phase III (October – November 2021)

- i. Prepare inter-local government jurisdiction Comprehensive Emergency Management and Hazard Mitigation Resiliency Roundtable Master Plan.
- ii. Facilitate and design organizational framework for regional Disaster Management District Roundtable that will encompass all nine EDD counties.
- iii. Final presentations to CEDD Board and jurisdictions.

DELIVERABLES:

- I. Assessments/ Evaluations of the Individual County Plans for improvements, opportunities, efficiencies, and a series of interactive meetings with local emergency management principals.
- II. Deliver a composite regional emergency master plan that includes analysis for a cross-jurisdictional response with communications, resources, and assets targeted for inter-local efficiency and capacity.
- III. Organizational framework for creating a Disaster Management District Roundtable for future efficiency of scale in emergency responses to major regional disasters that includes coordinated asset mapping and communication platform capacity.

CONTENTS OF RESPONSE

By submitting a response, respondents represent that they have thoroughly examined and become familiar with the scope of work outlined in this RFQ and are capable of performing the work to achieve the objectives. The submittal must demonstrate that the respondent has sufficient and appropriate resources to complete the project. Consultants must designate the project lead and report where his/her primary office is located. Any proposed sub consultants must be identified. Respondents are asked to organize their responses in accordance with the following format:

1. **Cover letter.** Provide a letter of introduction with a brief description of your firm, indicating the primary office location for the performance of this project, the type of firm, areas of specialization, and the project lead. Include company name, address, contact name, title, phone number, fax number, email and website address. Identify all sub-consultants that will be involved.
2. **Project Approach.** Provide an outline description of how you would approach the scope of services and a timeline that would include completion of Phase 1, 2, and 3 by no later than November 2021.
3. **Key Personnel.** Please also include the names, qualifications and experience of personnel to be assigned to the project during the specified project timeline and indicate what role these individuals will play in the project.
4. **Response Page.** See ATTACHMENT A and include with completed submittal.
5. **References.** For the prime consultant and all sub-consultants, provide reference information and brief project descriptions for at least three (3) current clients. Reference projects should have been completed within the last three (3) years and **similar** in nature to those described in this RFQ. Please include the following information:
 - 1) Name of client
 - 2) Name and title of client's primary contact.
 - 3) Telephone number, fax number, email address, and mailing address of the client's primary contact.
 - 4) A brief description of the types of services provided, the overall scope of the project, duration of the project and the current status of the project.
6. **Budget.** Provide total cost estimates for scope services specified that include labor and direct costs, associated travel costs, materials and any other requirements as may be required to furnish the work. Provide a summary of cost and percentage of total project effort by proposed phases and deliverable tasks.

The cost estimates are for RFQ evaluation purposes and final contract costs will be negotiable based upon final project design with selected consultant. All additional work assignments or scope additions will be specifically contracted and based on initial engagement rates of the base contract agreement.

7. **Submittal Date.** Proposal Responses must be sealed and be received **no later than 4 PM EDT, February 24, 2021. Any responses received after this date and time will not be considered.** Responses should be delivered to the Centralina Economic Development District, 9815 David Taylor Drive, Charlotte, NC 28262.
8. **Number of Copies and Length of Proposal.** All submissions should be clearly marked *“Comprehensive Emergency Management and Hazard Mitigation Resiliency Roundtable.”* Please include **five (5) copies of your proposal along with your original.** Your submittal is limited to 20 pages maximum, with an additional 2 pages maximum for the cover letter, 1 page for the Attachment A response page, and 5 pages maximum for any appendix. Please also **submit one digital copy of the proposal** labeled as such, using a digital format such as Adobe Acrobat PDF (this can be emailed to mmanis@centralina.org.)

RESPONSE DEADLINE

Any response to this Request for Qualification (“Response”) must be submitted in writing. Sealed proposal and required copies are acceptable until **4 PM EDT, February 24, 2021.** One requested electronic copy as a PDF file may be emailed. Responses received after this time and date will not be considered.

Please address the Response to:

Mike Manis, President & COO
Centralina economic Development District
9815 David Taylor Drive, Suite 100
Charlotte, North Carolina 28262
mmanis@centralina.org

TERMS AND CONDITIONS

Freedom of Information

Respondents are advised that any and all materials submitted in response to this RFQ shall become the sole property of the Centralina Economic Development District and the Centralina Council of Governments and shall be subject to the provisions of North Carolina General Statutes, Chapter 132 (Freedom of Information).

Incurred Costs

This request for qualifications does not commit the Centralina Economic Development District to award a contract or to pay any costs incurred in the

preparation of a response to this request. The Centralina Economic Development District will not be liable in any way for any costs incurred by respondents in replying to this RFQ.

Right to Cancel

The Centralina Economic Development District reserves the right to cancel this RFQ at any time and to decide not to consider any or all of the respondents submitting information in response to this request.

Severability

If any terms or provisions of this Request for Qualification shall be found to be illegal or unenforceable, then such term or provision shall be deemed stricken and the remaining portions of this document shall remain in full force and effect.

Collusion

By responding, the firm implicitly states that his/her proposal has not been made in connection with any other competing firm submitting a separate response to this RFQ; is in all respects fair; and has been submitted without collusion or fraud.

Oral Presentation/Interview

Respondents who submit a proposal in response to this RFQ may be required to give an oral presentation of their proposal to the Centralina Economic Development District. This provides an opportunity for the respondent to clarify or elaborate on the proposal. These are fact-finding and explanation sessions only and do not include negotiation. The Centralina Economic Development District will schedule the time and location of these presentations. Oral presentations are an option of the Centralina Economic Development District and may or may not be conducted.

Affirmative Action

The Centralina Economic Development District is an equal opportunity employer and requires an affirmative action policy from all contractors and vendors as a condition of doing business, as per Federal Order 11246. By signing the Response Page for this RFQ, all respondents agree to this condition of doing business.

Assigning/Transferring of Agreement

Any successful firm is prohibited from assigning, transferring, conveying, subletting or otherwise disposing of the resulting agreement or its rights, title, or interest therein or its power to execute such an agreement to any other person, company or corporation without prior consent and approval in writing from the Centralina Economic Development District.

ATTACHMENT A

RESPONSE PAGE

Comprehensive Emergency Management and Hazard Mitigation Resiliency Roundtable

REQUEST FOR QUALIFICATION

DATE ADVERTISED: January 20, 2021

DATE/TIME DUE:

February 24, 2021 By
4:00 PM EDT

NAME OF PROPOSAL

Comprehensive Emergency Management and Hazard Mitigation Resiliency Roundtable Project

Type or Print Name of Individual

Signature of Individual

Title

Date

E-mail Address/website

Doing Business as (Trade Name)

Street Address

City, State, Zip Code

Telephone Number/Fax Number

Tax Identification Number

ATTACHMENT B

2020 DISASTER RESILIENCY PROJECT SURVEY SUMMARY



2020 Disaster Resiliency Project Survey Summary

PREPARED BY CONNOR CHOKA
DECEMBER 1, 2020

Centralina EDD Disaster Resiliency Grant Nexus Survey Request

Hurricane Florence impacted the Centralina Economic Development District (CEDD) in mid-September of 2018 to a level that our eastern 5 counties required disaster declarations. The CEDD’s affected counties saw power outages, destroyed infrastructure, displaced populations, and businesses flooded. Unfortunately for the CEDD counties of Anson, Cabarrus, Rowan, Stanly, and Union, this event was only the beginning of the region’s worries. Less than a month after Hurricane Florence, Tropical Storm Michael marched through the region with massive rainfall and flooding impacts that also brought Iredell County into disaster declaration status.

The result of these devastating back-to-back storms exacerbated underlying resiliency issues that the Centralina EDD region faced which also impacted the remaining three counties of Mecklenburg, Gaston, and Lincoln although not quite as severe to receive full declarations under these storms. This grant project will address assisting jurisdictions with improved capacity and coordinated inter-local resources to support economic resiliency planning and enhance disaster response systems for current disaster events and the future ones our region will face. Your survey response will be invaluable for setting the foundation for this important effort.

Note: Survey launched August 10, 2020 and closed October 19, 2020.

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Local Emergency Disaster Management Plan

Does your municipality have an adopted Emergency Disaster Management Plan? 5
 Is the current Emergency Management Plan successful in addressing all of the local needs? 5
 What municipality are you responding for? 6

Local Emergency Management Capacity

Does your municipality have a 100% dedicated emergency management position responsible for the actual activation and oversight of the Emergency Management Plan (excluding the operational first responders, law enforcement, fire department, public works, etc.)? 7
 If there is not a 100% dedicated emergency management position, who is the point person for emergency management needs for the municipality? 8

Do you feel that your municipality currently has the appropriate staff capacity to meet all your emergency management needs? 9

Are there any specific assets or resources that your municipality does not have that could improve local emergency management efforts? 9

The Impact of Hurricane Florence and Tropical Storm Michael and 2019 Flooding disaster declarations

During the natural disasters of Hurricane Florence, Tropical Storm Michael, and the 2019 Flooding, what were the impacts on your community? (please check all that apply).....11

Did Hurricane Florence, Tropical Storm Michael, and/or the 2019 Flooding impact any particular major industries in your municipality?12

Did your municipality have the necessary resources to recover from the damages caused by Hurricane Florence, Tropical Storm Michael, and the 2019 Flooding?12

To what degree was your municipality's storm water runoff infrastructure impacted by Hurricane Florence, Tropical Storm Michael, and the 2019 Flooding?13

Was the impact on your storm water runoff infrastructure due to out-dated systems? Please explain.13

Has your municipality performed an evaluation of new areas available for flow control and buffer capacity? 14

To what degree was your municipality's sewer and water infrastructure impacted by Hurricane Florence, Tropical Storm Michael, and the 2019 Flooding?15

Has your municipality performed any new GIS mapping analysis based on the impact of Hurricane Florence, Tropical Storm Michael, and the 2019 Flooding for primary/most vulnerable locations?16

Intergovernmental Coordination

Does your municipality have any executed intergovernmental agreements with other municipalities for emergency management coordination?17

In your opinion, would the following be useful for your municipality: (check all that apply)..... 18

Do you have any recommendations to improve regional or state emergency management coordination? 18

Executive Summary

1. Local Emergency Disaster Management Plan

There were opportunities to enhance and implement Local Emergency Disaster Management Plans. A gap was present in municipalities that have an adopted Emergency Disaster Management plan, 30% answered 'No' to having adopted Emergency Disaster Management Plan. 30% of respondents answered 'No' to the current Emergency Management Plan's ability to address all of the local needs. There was an opportunity to revise Emergency Management Plans to address all the local needs.

2. Local Emergency Management Capacity

Municipalities indicated there was a gap in dedicated Emergency Management personnel responsible for the actual activation and oversight of the Emergency Management Plan. The survey revealed that the point person for emergency management needed for the municipality were either a Town manager or Fire related leader. A gap existed in the staff capacity to meet all the emergency management needs. Specific assets or resources mentioned by poll participants that their municipality did not have that could improve local emergency management efforts were the following: a fully developed emergency operations plan or a fully dedicated position to EM, a full time EM director, and a dedicated financial/ grant manager.

3. The Impact of Hurricane Florence and Tropical Storm Michael and 2019 Flooding disaster declarations

Infrastructure damage was reported. Specifically power line or electrical unit damage, and roadway damage and/ or flooding, were the two leading impacts. 100% of respondents indicated that none of their industries in their municipality were impacted by Hurricane Florence, Tropical Storm Michael, and/or the 2019 Flooding. A small number of the poll participants reported that the municipalities had the necessary resources to recover from the damages caused by Hurricane Florence, Tropical Storm Michael, and the 2019 Flooding. This suggested that there was a gap in resources that some municipalities needed to recover from Hurricanes, Tropical Storms, and flooding. There was a gap in the storm water system across the municipalities. Responses suggested that storm water runoff infrastructure did have an impact in some municipalities and that the amount of rain in a short period of time may have been another factor. Most municipalities have not performed an evaluation of new areas available for flow control and buffer capacity. There was an opportunity to perform an evaluation for flow control and buffer capacity. Data suggested that there were a small amount of municipalities with an opportunity to benefit from infrastructure updates. The majority of municipalities have not performed GIS mapping analysis on the impact of Hurricane Florence, Tropical Storm Michael, and the 2019 Flooding for primary/ most vulnerable locations.

4. Intergovernmental Coordination

There was a gap for municipalities to form intergovernmental agreements with other municipalities for emergency management coordination through half the region. 100% of respondents indicated that the identification of potential cross-jurisdiction joint staging/ storage options for response efficiencies for current emergency management resources. And many of them indicated usefulness in the remaining two options: a regional coordinated team/ task force for developing a cooperative-based emergency management plan for major catastrophic events, and regional maps that identify and illustrate the most vulnerable/ recurring disaster impact areas. Opportunities for communication and sharing of resources were indicated, as well as a need for the training of resources and collaboration from Emergency Management resources.

Does your municipality have an adopted Emergency Disaster Management Plan?

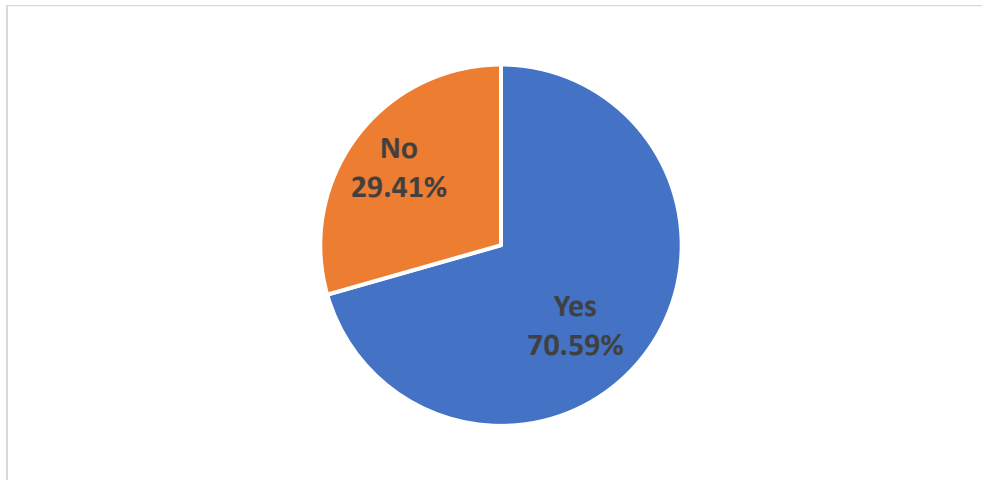


Figure 1: Does your municipality have an adopted Emergency Disaster Management Plan?

Answered 17
Skipped 0

Takeaway: Of the 17 polled applicants, 70% report 'Yes' that their municipality have adopted Emergency Disaster Management Plan. 30% answered 'No'. It appears that there is a need for some municipalities to adopt an Emergency Disaster Management Plan.

Is the current Emergency Management Plan successful in addressing all of the local needs?

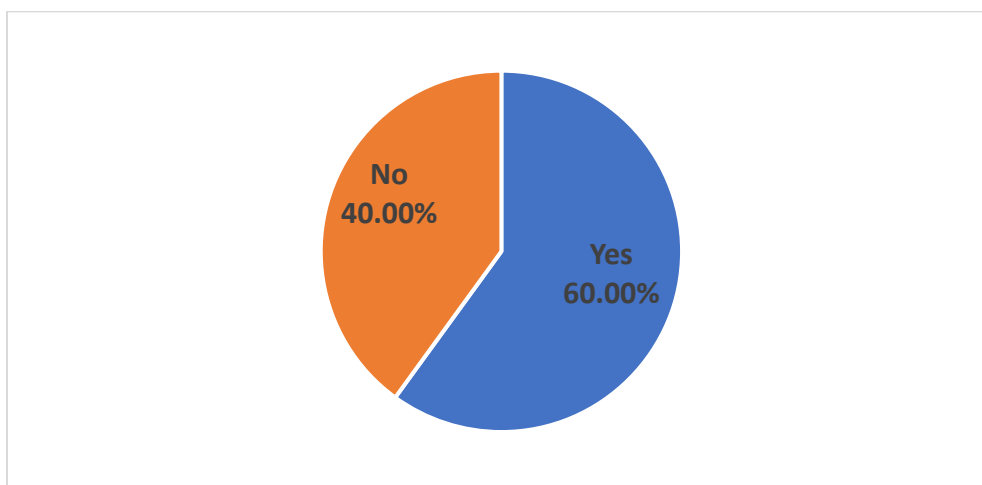


Figure 2: Is the current Emergency Management Plan successful in addressing all of the local needs?

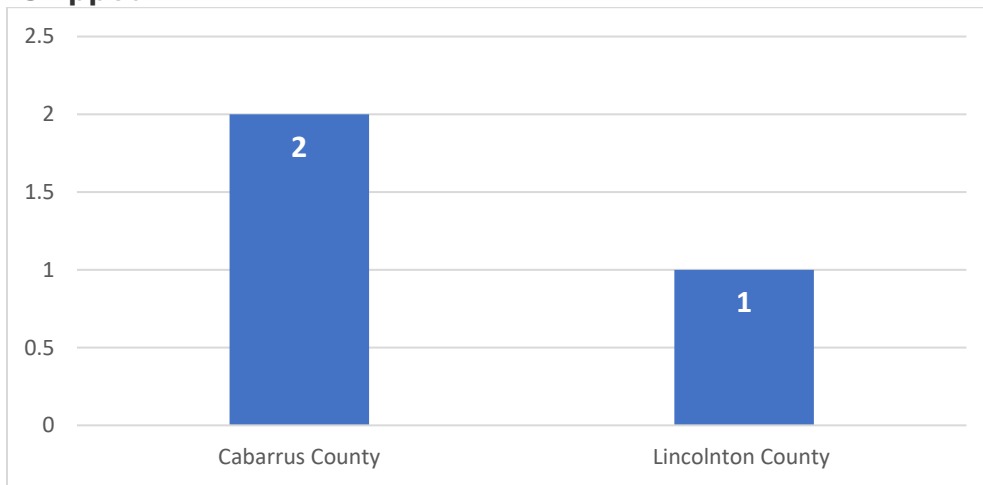
Answered 15

Skipped 2

Takeaway: Of the 17 polled applicants, 15 responded and 2 skipped this question. 60% of respondents answered 'Yes' to the success of the current Emergency Management Plan addressing all of the local needs. 30% answered "No". It appears that most there that some Emergency Management Plans fail to meet all local needs.

What municipality are you responding for?

Answered 3
Skipped 14



Takeaway: Of the 17 poll participants, there was a total of 3 respondents for this question. 2 representatives are from Cabarrus County and 1 representative is from Lincoln County.

Does your municipality have a 100% dedicated emergency management position responsible for the actual activation and oversight of the Emergency Management Plan (excluding the operational first responders, law enforcement, fire department, public works, etc.)?

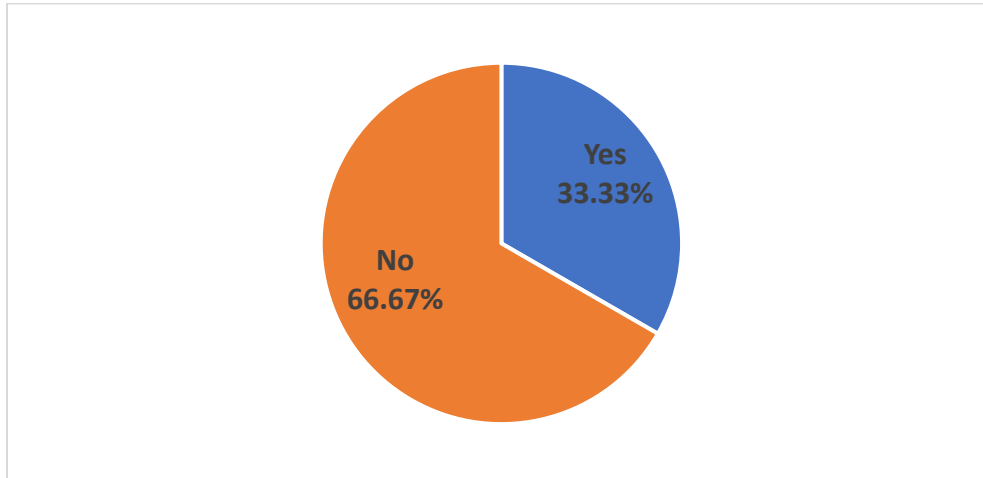


Figure 4: Does your municipality have a 100% dedicated emergency management position responsible for the actual activation and oversight of the Emergency Management Plan (excluding the operational first responders, law enforcement, fire department, public works, etc.)?

Answered 15

Skipped 2

Takeaway: Of the 17 respondents, 2 chose to skip this question. The majority of respondents answered 'No'. Many municipalities are lacking in 100% dedicated emergency management position responsible for the actual activation and oversight of the Emergency Management Plan.

If there is not a 100% dedicated emergency management position, who is the point person for emergency management needs for the municipality?

Answered 10
Skipped 7

Respondent s	Response Date	Responses	Tags
1	Aug 27 2020 08:31 AM	Yes	
2	Aug 13 2020 04:18 PM	Probably varies by type of emergency	
3	Aug 13 2020 03:38 PM	Police, fire, or risk management?	
4	Aug 13 2020 01:21 PM	Town Manager	
5	Aug 12 2020 04:09 PM	Assistant Town Manager/Public Works Director	
6	Aug 12 2020 10:12 AM	Jeff Cash, Fire Chief	
7	Aug 12 2020 08:17 AM	Gaston County Emergency Management Director Mr. Kevin Gordon	
8	Aug 11 2020 04:48 PM	City Manager	
9	Aug 11 2020 04:45 PM	The Town's Fire Marshal	
10	Aug 11 2020 04:34 PM	Fire Chief	

Figure 5: If there is not a 100% dedicated emergency management position, who is the point person for emergency management needs for the municipality?

Takeaway: Of the 10 poll participants that responded, the point person for emergency management needs for the municipality is either a Town related Manager or Fire related leader role.

Do you feel that your municipality currently has the appropriate staff capacity to meet all your emergency management needs?

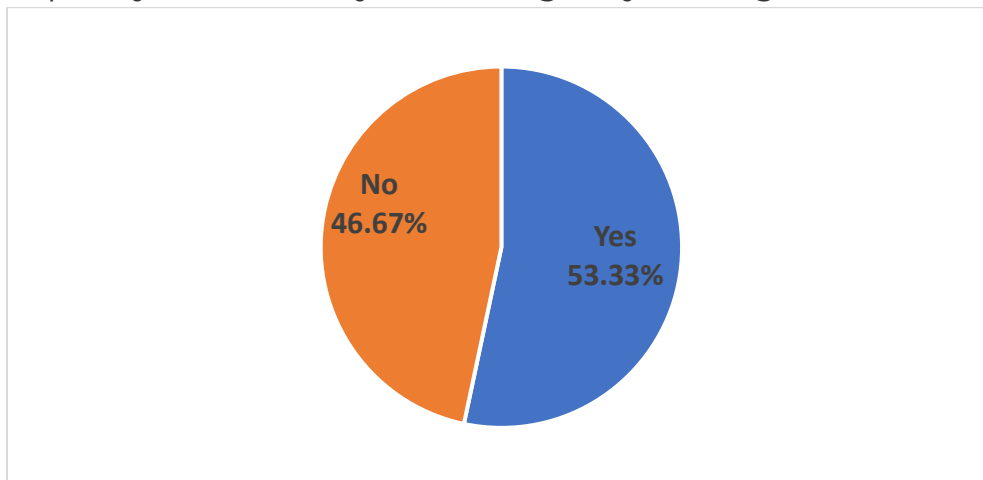


Figure 6: Do you feel that your municipality currently has the appropriate staff capacity to meet all your emergency management needs?

Answered 15
Skipped 2

Takeaway: Of the 15 poll participants that have responded, about half answered 'Yes' and 'No', with more participants responding 'Yes' to whether their municipality currently has the appropriate staff capacity to meet all their emergency management needs.

Are there any specific assets or resources that your municipality does not have that could improve local emergency management efforts?

Answered 11
Skipped 6

Respondents	Response Date	Responses
1	Aug 27 2020 08:31 AM	Dedicated financial/grants manager
2	Aug 25 2020 12:26 PM	no

3	Aug 14 2020 11:20 AM	A full Time EM Director would be a huge benefit. A contact point for all planning, training, and response is needed to ensure all departments understand their role during an emergency.
4	Aug 13 2020 04:18 PM	more technology/communication equipment; preparedness for greater number of potential situations; etc.
5	Aug 13 2020 03:38 PM	Not that I am aware of.
6	Aug 12 2020 04:09 PM	No
7	Aug 12 2020 10:12 AM	Once again, we depend on Gaston County
8	Aug 11 2020 08:17 AM	Please contact Gaston County Emergency Management Director Mr. Kevin Gordon for detailed information.
9	Aug 11 2020 04:49 PM	No
10	Aug 11 2020 04:48 PM	We don't have even a basic plan for just our community. There are grand plans for the area but not plans for specific issues that are relevant to our community
11	Aug 11 2020 04:45 PM	A full emergency operations plan or a fully dedicated position to EM.

Figure 7: Are there any specific assets or resources that your municipality does not have that could improve local emergency management efforts?

Takeaway: Specific assets or resources mentioned by poll participants that their municipality does not have that could improve local emergency management efforts are the following: a fully emergency operations plan or a fully dedicated position to EM, a full time EM director, and a dedicated financial/ grant manager.

During the natural disasters of Hurricane Florence, Tropical Storm Michael, and the 2019 Flooding, what were the impacts on your community? (please check all that apply)

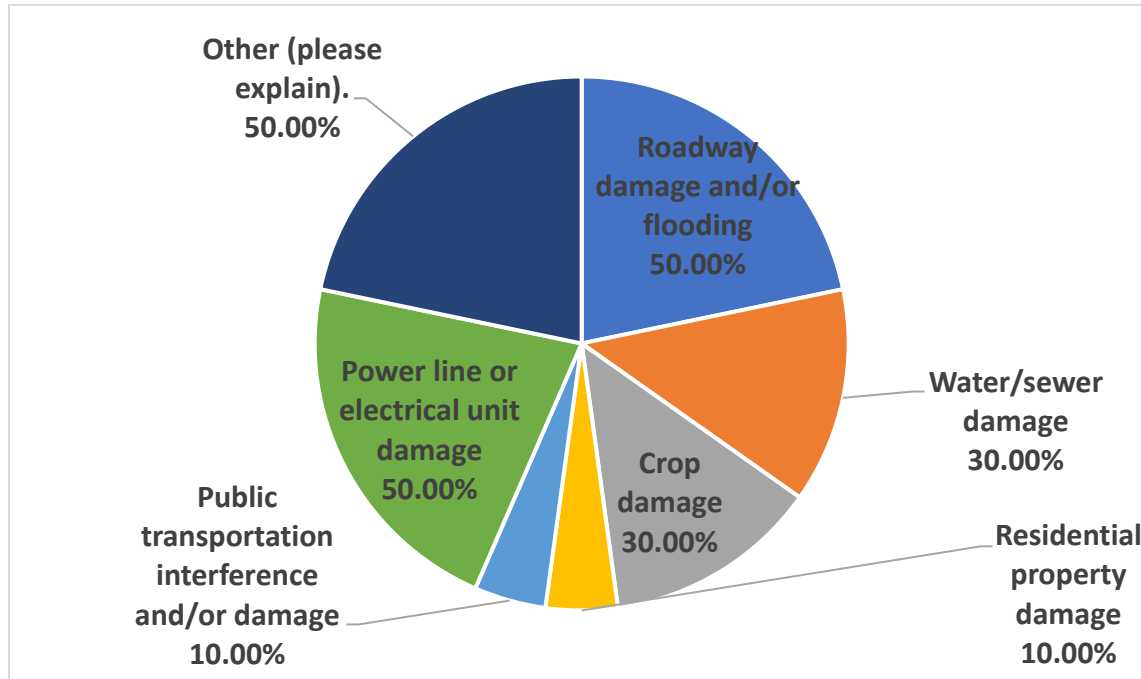


Figure 8-1: During the natural disasters of Hurricane Florence, Tropical Storm Michael, and the 2019 Flooding, what were the impacts on your community? (please check all that apply)

Answered 10
Skipped 7

Respondents	Response Date	Other (please explain).	Tags
1	Aug 14 2020 11:24 AM	Additional Staffing during the emergency created unexpected expenditures	
2	Aug 13 2020 04:19 PM	thankfully, minimal and isolated due to rain	
3	Aug 13 2020 03:40 PM	Unknown to me.	
4	Aug 12 2020 04:12 PM	We did not have any known impacts on our community.	
5	Aug 12 2020 10:14 AM	Minor damage in Cherryville, NC	

Figure 8-2: During the natural disasters of Hurricane Florence, Tropical Storm Michael, and the 2019 Flooding, what were the impacts on your community? (please check all that apply) [Others Explanation Table]

Takeaway: Of the 10 poll participants that responded, infrastructure damage was reported. Specifically power line or electrical unit damage, and roadway damage and/or flooding, were the two leading impacts to infrastructure.

Did Hurricane Florence, Tropical Storm Michael, and/or the 2019 Flooding impact any particular major industries in your municipality?

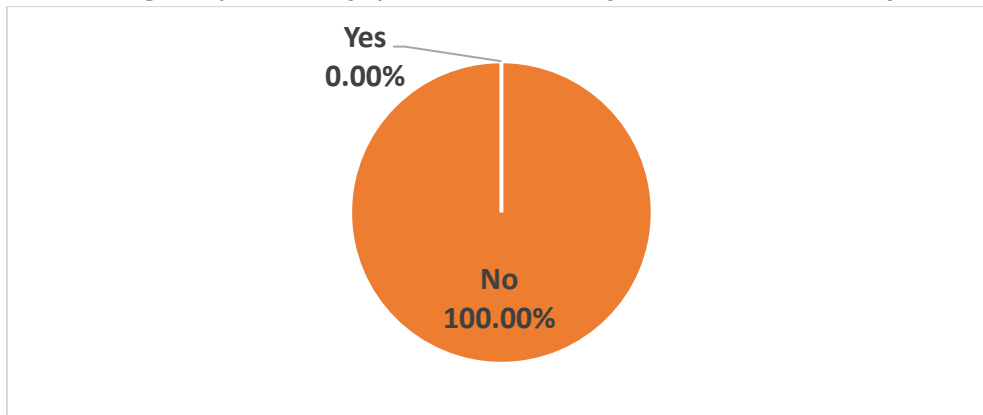


Figure 9: Did Hurricane Florence, Tropical Storm Michael, and/or the 2019 Flooding impact any particular major industries in your municipality?

Answered 11
Skipped 6

Takeaway: Of the 11 poll participants that responded, 100% of respondents indicate that none of their industries in their municipality were impacted by Hurricane Florence, Tropical Storm Michael, and/or the 2019 Flooding.

Did your municipality have the necessary resources to recover from the damages caused by Hurricane Florence, Tropical Storm Michael, and the 2019 Flooding?

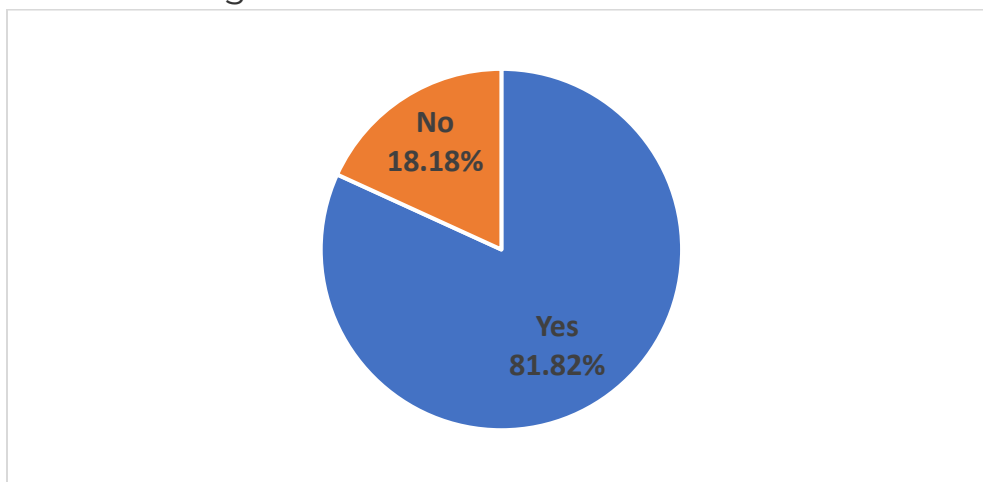


Figure 10: Did your municipality have the necessary resources to recover from the damages caused by Hurricane Florence, Tropical Storm Michael, and the 2019 Flooding?

Answered 11
Skipped 6

Takeaway: The majority of the poll participants report that the municipalities had the necessary resources to recover from the damages caused by Hurricane Florence, Tropical Storm Michael, and the 2019 Flooding. This suggests that most municipalities have the resources that they need to recover from Hurricanes, Tropical Storms, and flooding.

To what degree was your municipality's storm water runoff infrastructure impacted by Hurricane Florence, Tropical Storm Michael, and the 2019 Flooding?

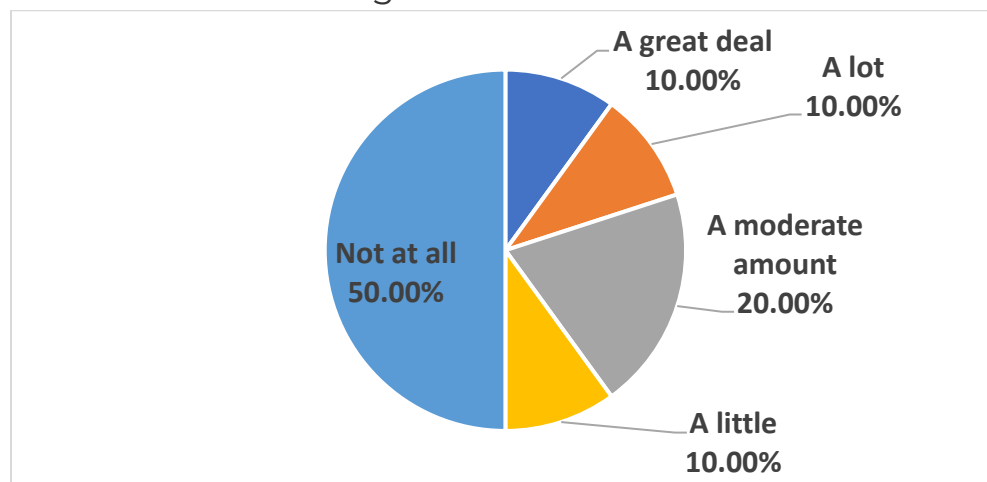


Figure 11: To what degree was your municipality's storm water runoff infrastructure impacted by Hurricane Florence, Tropical Storm Michael, and the 2019 Flooding?

Answered 10
Skipped 7

Takeaway: Of the 10 poll participants that responded, 50% indicate no impact to their storm water runoff infrastructure due to Hurricane Florence, Tropical Storm Michael, and the 2019 Flooding; and the rest reported a variety of impact: 'a great deal; a lot; a moderate amount; and a little'. The data suggests that storm water runoff infrastructure was impacted differently, or not all.

Was the impact on your storm water runoff infrastructure due to outdated systems? Please explain.

Answered 6
Skipped 11

Respondent s	Response Date	Responses	Tags
1	Aug 13 2020 03:40 PM	Unknown.	
2	Aug 12 2020 04:12 PM	N/A	
3	Aug 11 2020 04:52 PM	No. Too much rain in a short period of time	
4	Aug 11 2020 04:51 PM	Yes. Outdated and inadequate systems to contain stormwater	
5	Aug 11 2020 04:47 PM	Not necessarily, just the amount of rain.	
6	Aug 11 2020 04:36 PM	We don't have any infrastructure as related to storm water.	

Figure 12: Was the impact on your storm water runoff infrastructure due to out-dated systems? Please explain.

Takeaway: Of the 6 poll participants that responded, the responses suggest that storm water runoff infrastructure does have an impact in some municipalities and that the amount of rain in a short period of time may be another factor.

Has your municipality performed an evaluation of new areas available for flow control and buffer capacity?

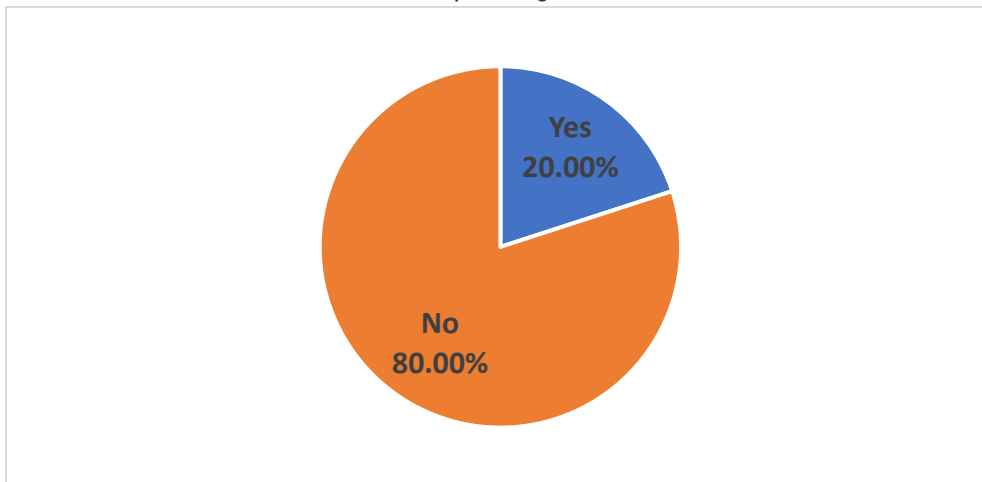


Figure 13: Has your municipality performed an evaluation of new areas available for flow control and buffer capacity?

Answered 10
Skipped 7

Takeaway: Of the 10 poll participants, the majority of municipalities have not performed an evaluation of new areas available for flow control and buffer capacity. There may be an opportunity to perform an evaluation for flow control and buffer capacity.

To what degree was your municipality's sewer and water infrastructure impacted by Hurricane Florence, Tropical Storm Michael, and the 2019 Flooding?

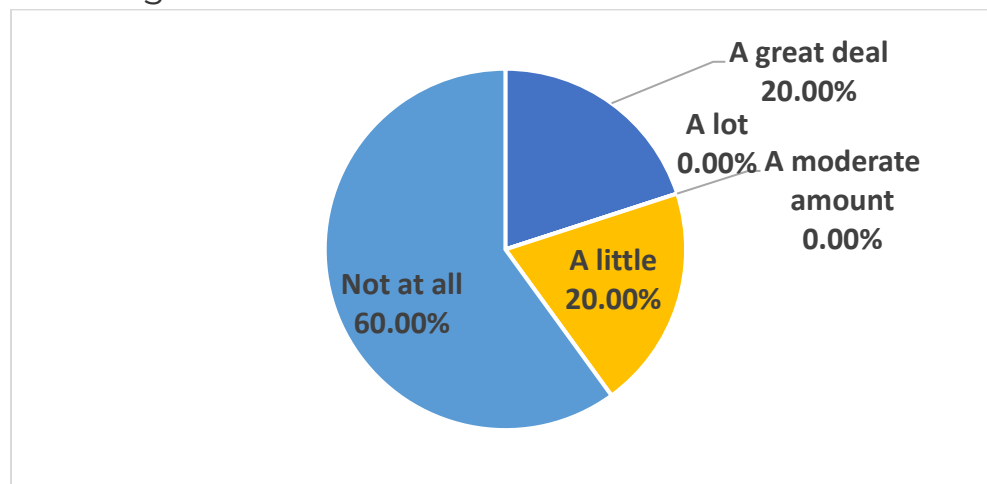


Figure 14: To what degree was your municipality's sewer and water infrastructure impacted by Hurricane Florence, Tropical Storm Michael, and the 2019 Flooding?

Answered 10
Skipped 7

Takeaway: Of the 10 poll participants, many municipality sewer and water infrastructure were not impact by Hurricane Florence, Tropical Storm Michael, and the 2019 Flooding. However, 20% reported 'a great deal' and 20% 'a little'. The data suggests that there are a small amount of municipalities that may have an opportunity to benefit from infrastructure updates.

Has your municipality performed any new GIS mapping analysis based on the impact of Hurricane Florence, Tropical Storm Michael, and the 2019 Flooding for primary/most vulnerable locations?

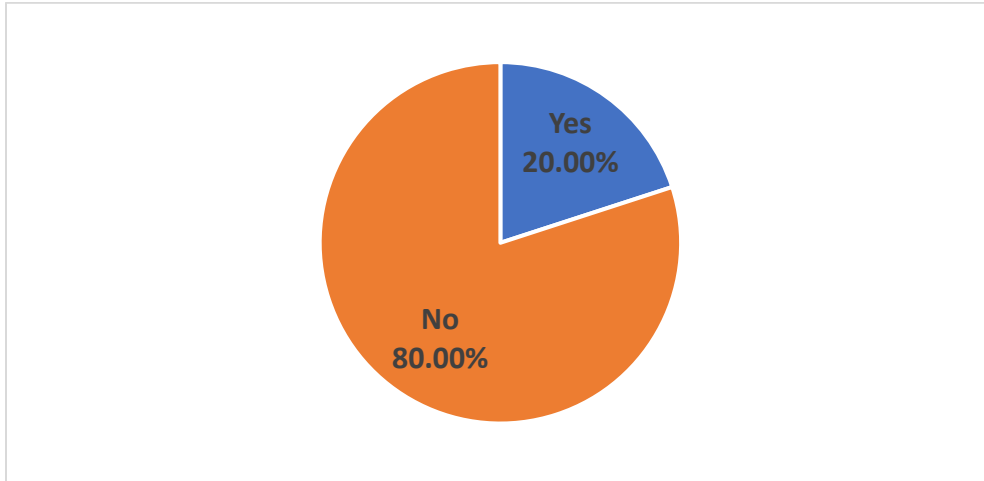


Figure 15: Has your municipality performed any new GIS mapping analysis based on the impact of Hurricane Florence, Tropical Storm Michael, and the 2019 Flooding for primary/most vulnerable locations?

Answered 10
Skipped 7

Takeaway: Of the 10 poll participants, 20% answered 'Yes' to having performed any new GIS mapping analysis based on the impact of Hurricane Florence, Tropical Storm Michael, and the 2019 Flooding for primary/most vulnerable locations. There may be an opportunity to perform GIS mapping analysis

Does your municipality have any executed intergovernmental agreements with other municipalities for emergency management coordination?

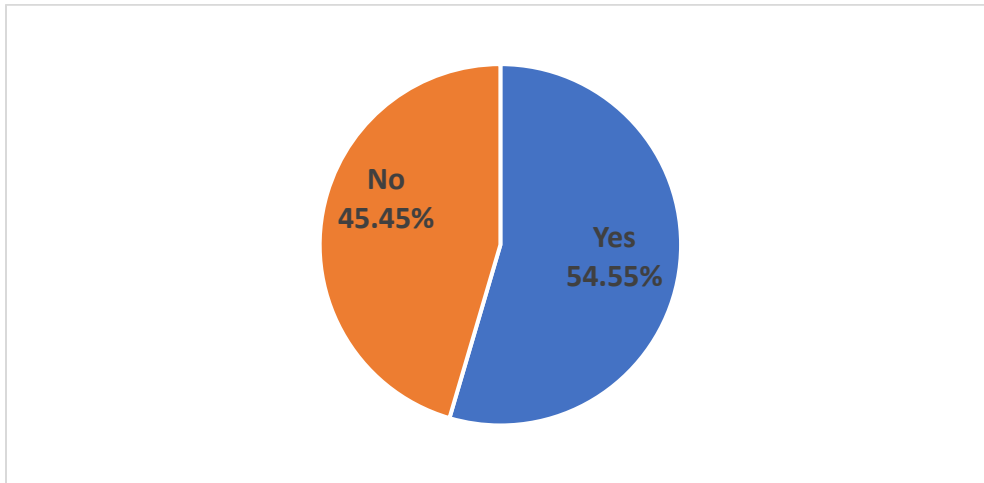


Figure 16: Does your municipality have any executed intergovernmental agreements with other municipalities for emergency management coordination?

Answered 11

Skipped 6

Takeaway: Of the 11 poll participants, about half have executed intergovernmental agreements with other municipalities for emergency management coordination, and half do not. There is a gap for municipalities to form intergovernmental agreements with other municipalities for emergency management coordination through half the region.

In your opinion, would the following be useful for your municipality: (check all that apply)

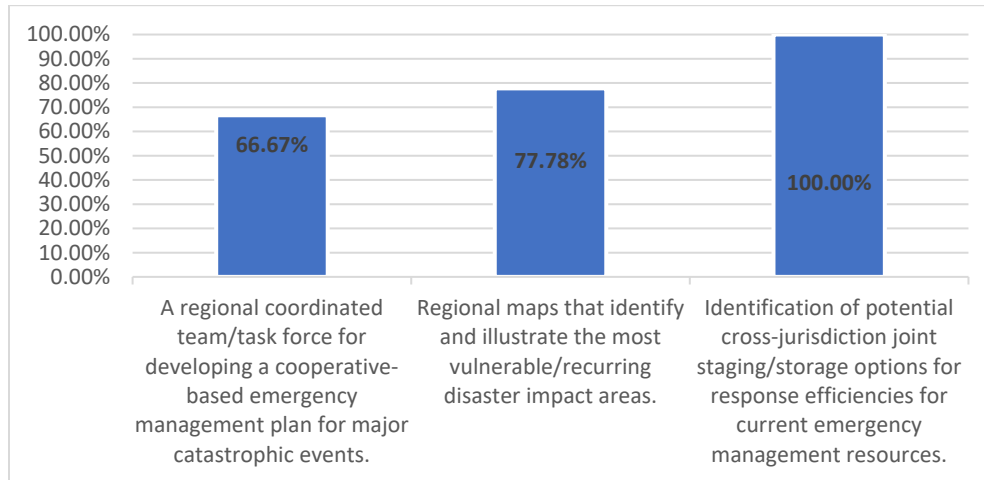


Figure 17: In your opinion, would the following be useful for your municipality: (check all that apply)

Answered 9
Skipped 8

Takeaway: Of the 9 poll participants, 100% indicate that the identification of potential cross-jurisdiction joint staging/ storage options for response efficiencies for current emergency management resources. And the majority of them indicated usefulness in the remaining two options: a regional coordinated team/ task force for developing a cooperative-based emergency management plan for major catastrophic events, and regional maps that identify and illustrate the most vulnerable/ recurring disaster impact areas.

Do you have any recommendations to improve regional or state emergency management coordination?

Answered 5
Skipped 12

Respondents	Response Date	Responses	Tags
1	Aug 14 2020 11:30 AM	Additional resources need to be crossed trained as IMT members. Local law enforcement and public works should work toward training additional members for regional deployment. Mecklenburg County EM need to be more open to allowing this to occur as well.	
2	Aug 13 2020	No	

3	03:41 PM Aug 12 2020 04:13 PM Aug 11 2020	I do not have any recommendations.
4	04:52 PM Aug 11 2020	We receive little no communication when issues arise. Communication is key yet it does not exist
5	04:48 PM	Better communication and sharing of resources.

Figure 18: Do you have any recommendations to improve regional or state emergency management coordination?

Takeaway: Opportunities for communication and sharing of resources, as well as a need for the training of resources and collaboration from Emergency Management resources.